Florida Transit Information System (FTIS)



Developer/Presenter.

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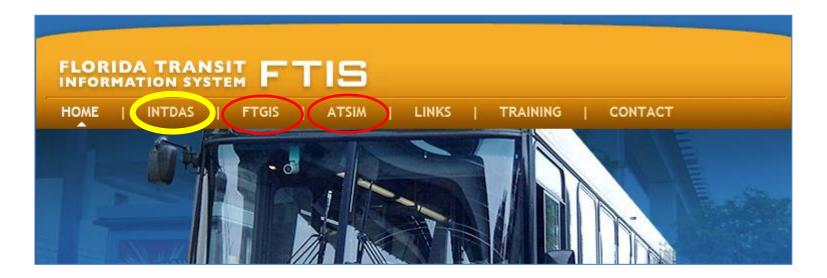


Sponsor.

Public Transit Office
Florida Department of Transportation

Background

- First released as a desktop application in 2002:
 - ✓ INTDAS: Integrated National Transit Database Analysis System
 - ✓ FTGIS: Florida Transit Geographic Information System
- Converted to Web applications in 2007
- Also added ATSIM: Automated Transit Stop Inventory Model



INTDAS and NTD

- INTDAS provides quick access to multiple years of National Transit Database (NTD)
- NTD: only national database for U.S. transit industry
- NTD program started in 1978
- Data are collected and distributed by FTA
- Reporting of NTD data is required for transit agencies to receive FTA grant funds
- Currently over 700 transit agencies reported to NTD
- FTA added reporting for rural transit agencies in 2007

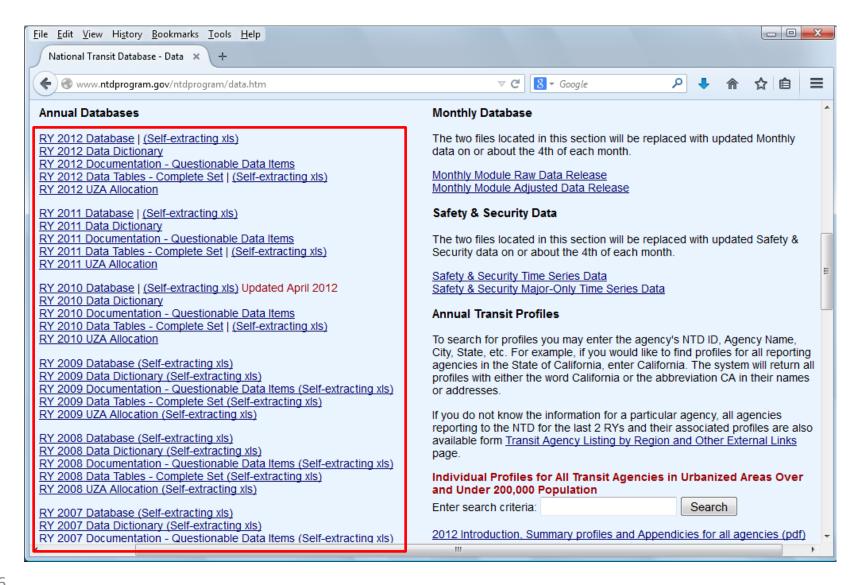
What Data Are in NTD?

- Transit organization characteristics
- Revenues and subsidies
- Operating and maintenance expenses
- Transit services consumed and supplied
- Transit assets: transit stations, maintenance facilities, transit way mileage, and revenue vehicle inventory
- Transit resources: employees, maintenance performance, and energy consumption
- Safety and security: incidents and accidents

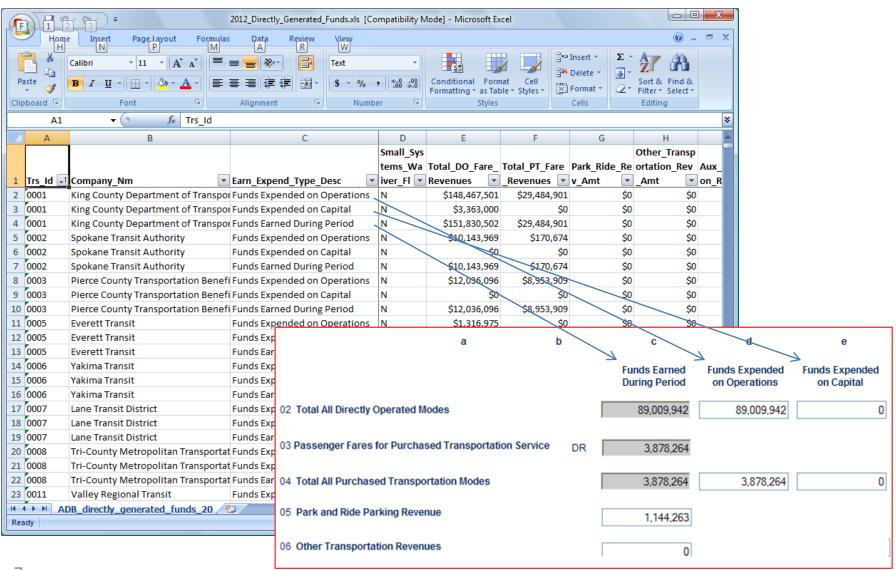
Where Can One Get the NTD Data?

www.ntdprogram.gov/ntdprogram/ ools Help - - X File Edit View History Bookmarks National Transit Database 8 - Google ☆ 自 www.ntdprogram.gov/ntdprogram/ **Federal Transit Administration Updated Contact Information for Validation Support Staff** What is the NTD? How to Report/Get an ID 🔌 Reporting Manuals Urban Reporting 3 Monthly Reporting Safety and Security Reporting Rural Reporting 🍑 Sampling Manual Small Systems Waiver Manual 🤌 Contact the NTD Help Desk Data, Publications and Reference Materials NTD Glossary NTD Reference Materials 🍑 NTD Transit Profiles 3 Access NTD Data **NTD Resources** Internet Reporting Login FTA / NTD Presentations, Announcements and Updates 🔌 Password and ID Required

Data Distributed Annually



Data Structure Difficult for General Users



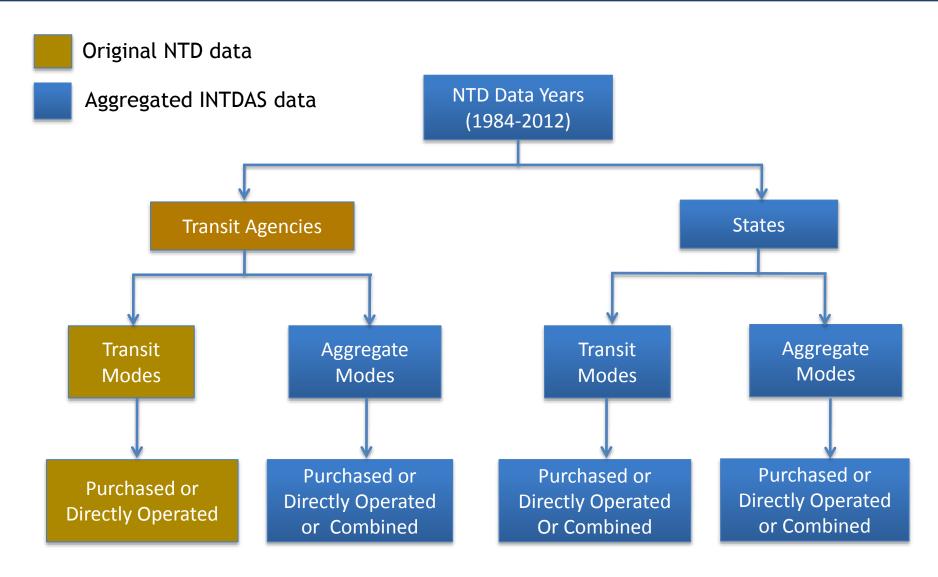
Problems with Data from FTA Site

- Users must understand specific data structure
- Data from different years distributed in separate files
- A simple 10-year ridership trend will require:
 - 1. Download and unzip file for a data year
 - 2. Search and open data files
 - 3. Locate data items in data files
 - 4. Copy data values from data files
 - 5. Paste data values into Excel
 - 6. Repeat the same process 9 times
 - 7. Perform calculations
- What if to do 20 years instead of 10?
- What if to compare with five other peer systems?

What Does INTDAS Provide?

- Includes data from 1984 through 2012
- Includes pre-calculated performance measures for quick access
- Easy selection of transit systems and variables
- Easy identification of peer transit systems
- Provides visualization tools:
 - ✓ NTD forms
 - √ reports
 - ✓ crosstabs
 - ✓ charts
- Includes data at different aggregate levels
- Free access!

What Are in INTDAS Database?



Accessing INTDAS

WWW.FTIS.ORG



System Login



INTDAS LOGIN

2012 NTD Data Added! NEW

We have added the 2012 data for both the original NTD variables and the Florida standard variables (FSV).

This could be helpful...

To conserve system resources, INTDAS will automatically log you out after 20 minutes of inactivity and you will lose your selections. To prevent this, you could save your system and variable selections by clicking on the Save button on top of your selected list. To retrieve your selections, look for the Select Groups tab or listbox.

Safety & Security and UZA Data Added!

Selected summary variables for Safety and Security data from year 2002 have been added. In addition, data from year 2007 for selected variables based on Urbanized Areas (UZA) have also been added (look for the Select UZAs tab on the main screen).

Access to the INTDAS website is password-protected. To receive your password, please complete the Access Request Form.

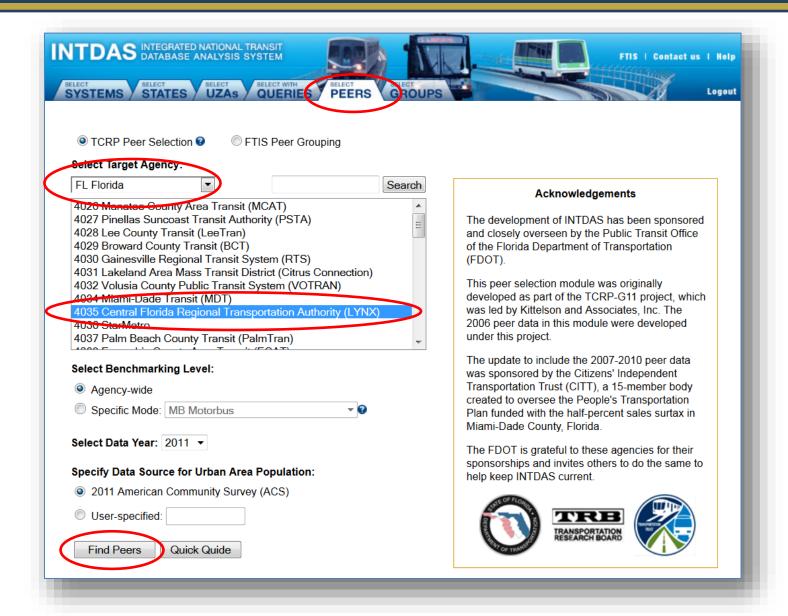
Please enter your password below.

Password: •••••

Go

Remember my password on this computer | Forgot your password?

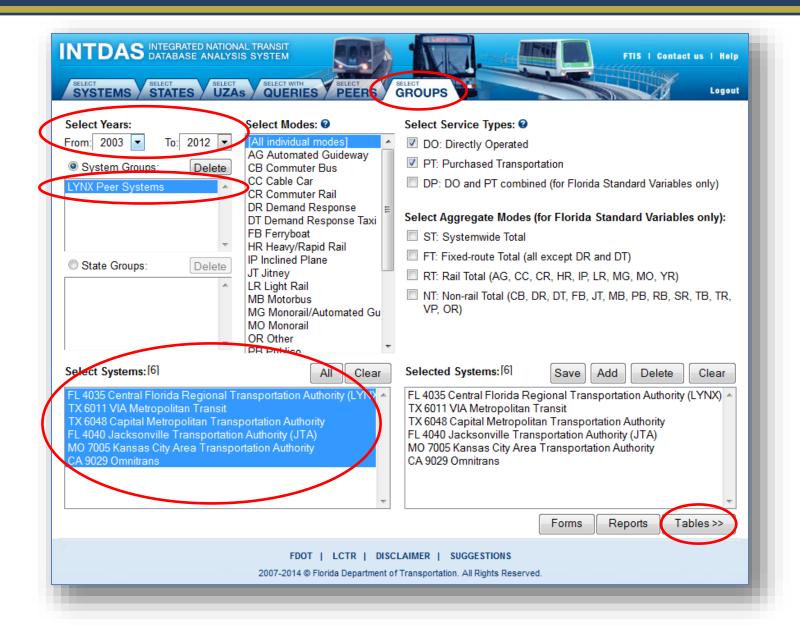
Select Peer Systems with TCRP Method



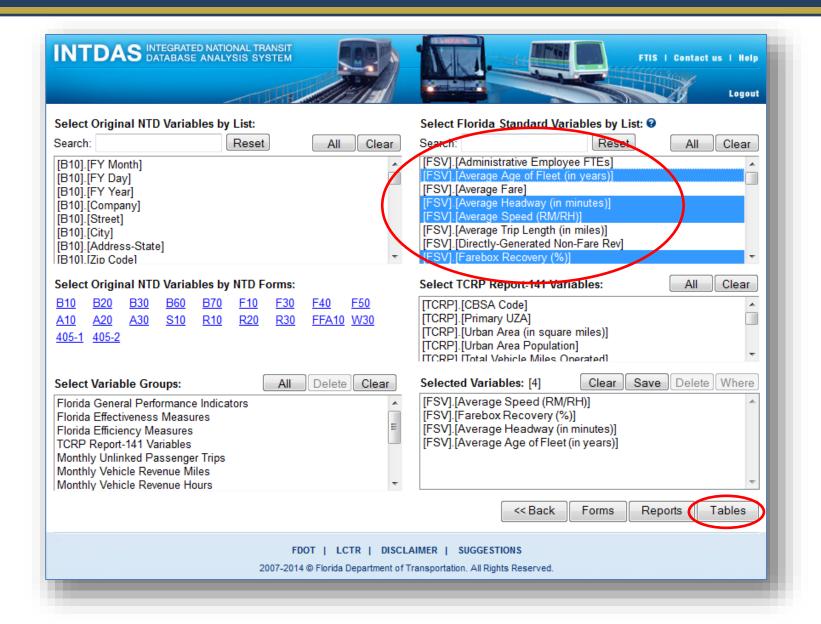
Save Peer Group

< Back Exce Save Peers Select Groups															
	No. NTD Save top 5 ▼ peers as a peer group Save all checked systems as a peer group. Group Name: LYNX Peer Systems				•	ess re	Rail Only	Likeness Score	Heavy Rail	Likeness Score	Urban Area Population	Likeness Score	Total Vehicle I Miles Operated		
√	0	4035	Control					0	No	0	No	0	1,321,169	0	24,583,550
V	1	6011	VIA Met	L	Javo	Carico	21	.00	No	0.00	No	0.00	1,498,216	0.13	31,725,657
/	2	6048	Capital I Transportation Authority					00	No	0.00	No	0.00	1,065,536	0.24	19,560,324
✓	3	4040	Jacksonville Transportation Authority	Jacksonville	FL	0.60	No	0.00	No	0.00	No	0.00	945,064	0.40	13,235,708
✓	4	7005	Kansas City Area Transportation Authority	Kansas City	МО	0.67	No	0.00	No	0.00	No	0.00	1,422,441	0.08	12,272,326
✓	5	9029	Omnitrans	San Bernardino	CA	0.73	No	0.00	No	0.00	No	0.00	1,792,559	0.36	10,586,111
	6	4004	Metropolitan Transit Authority	Nashville	TN	0.74	No	0.00	No	0.00	No	0.00	812,083	0.63	7,263,871
	7	4029	Broward County Transit Division	Pompano Beach	FL	0.76	No	0.00	No	0.00	No	0.00	5,373,163	3.07	20,318,797
	8	5016	Central Ohio Transit Authority	Columbus	ОН	0.77	No	0.00	No	0.00	No	0.00	1,226,871	0.08	12,391,488
	9	9031	Riverside Transit Agency	Riverside	CA	0.80	No	0.00	No	0.00	No	0.00	1,792,559	0.36	10,174,185
	10	3083	Transportation District Commission of Hampton Roads, dba: Hampton Roads Transit	Hampton	VA	0.81	No	0.00	No	0.00	No	0.00	1,447,582	0.10	14,682,361
	11	5008	Milwaukee County Transit System	Milwaukee	WI	0.81	No	0.00	No	0.00	No	0.00	1,330,926	0.01	19,428,750
	12	5031	Suburban Mobility Authority for Regional Transportation	Detroit	MI	0.81	No	0.00	No	0.00	No	0.00	3,674,952	1.78	14,534,435
	13	5154	Metropolitan Council	St. Paul	MN	0.81	No	0.00	No	0.00	No	0.00	2,469,454	0.87	11,580,549
	14	5050	Indianapolis and Marion County Public Transportation	Indianapolis	IN	0.83	No	0.00	No	0.00	No	0.00	1,292,590	0.02	9,409,129

Retrieve Peer Group



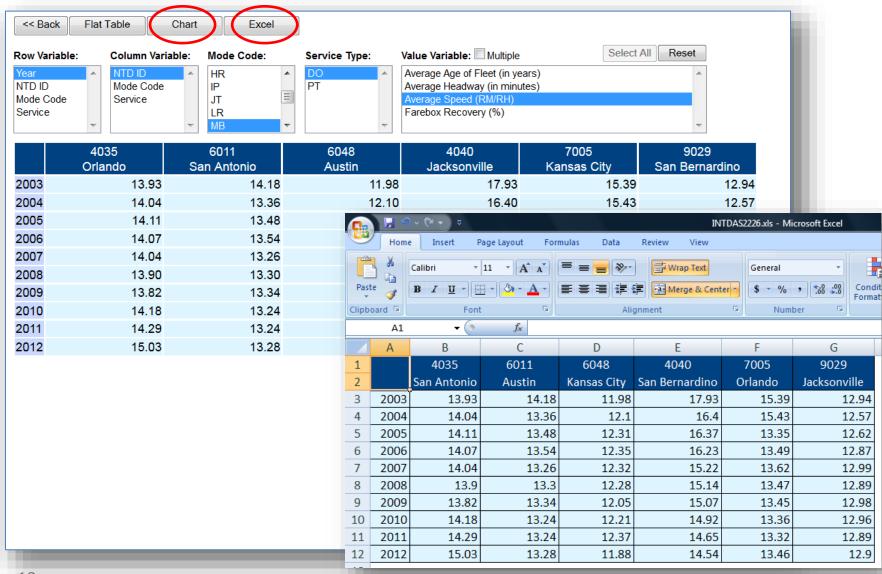
Select Performance Measures



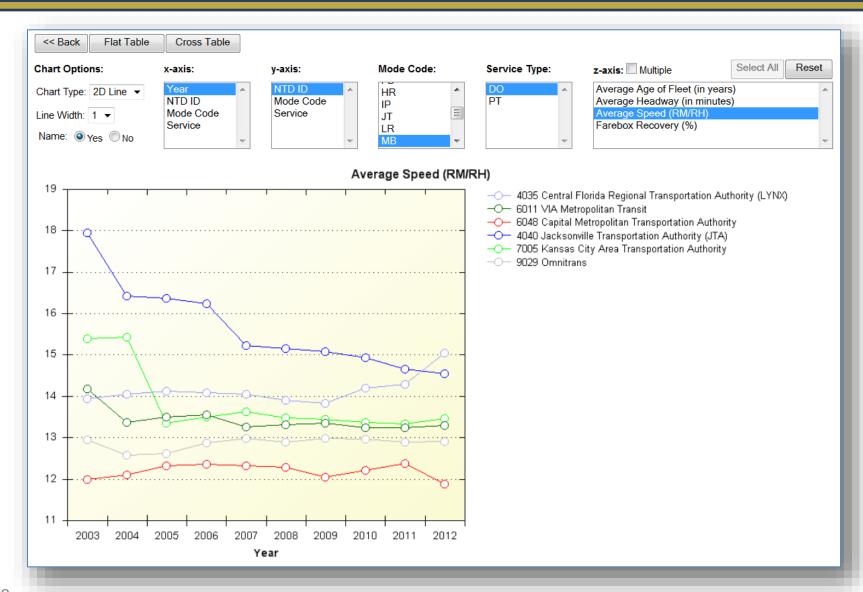
Retrieved Data

< Back Cross Table Chart Excel Sort Inflation Summation Statistics Regression Calculate Reset											
No.	Year	NTD ID	Company Name	Location	State	Mode	Service	Average Age of Fleet (in years) 0	Average Headway (in minutes) ?	Average Speed (RM/RH) •	Farebox Recovery (%) •
1	2003	4035	Central Florida Regional Transportation Authority	Orlando	FL	DR	PT	3.32		16.09	4.37
2	2003	4035	Central Florida Regional Transportation Authority	Orlando	FL	МВ	DO	6.37	22.66	13.93	21.12
3	2003	4035	Central Florida Regional Transportation Authority	Orlando	FL	VP	PT	4.33		40.81	34.79
4	2003	4040	Jacksonville Transportation Authority	Jacksonville	FL	AG	DO	4.70	4.07	13.26	8.35
5	2003	4040	Jacksonville Transportation Authority	Jacksonville	FL	DR	PT	2.89		17.61	69.24
6	2003	4040	Jacksonville Transportation Authority	Jacksonville	FL	MB	DO	7.99	33.19	17.93	15.07
7	2003	6011	VIA Metropolitan Transit	San Antonio	TX	DR	DO	8.96		17.81	4.83
8	2003	6011	VIA Metropolitan Transit	San Antonio	TX	DR	PT	1.79		21.41	7.67
9	2003	6011	VIA Metropolitan Transit	San Antonio	TX	MB	DO	5.58	17.22	14.18	17.81
10	2003	6048	Capital Metropolitan Transportation Authority	Austin	TX	DR	DO	1.99		13.28	2.79
11	2003	6048	Capital Metropolitan Transportation Authority	Austin	TX	DR	PT	8.00		18.96	0.71
12	2003	6048	Capital Metropolitan Transportation Authority	Austin	TX	МВ	DO	4.54	33.47	11.98	4.34
13	2003	6048	Capital Metropolitan Transportation Authority	Austin	TX	МВ	PT	4.64	28.93	14.01	0.45
14	2003	6048	Capital Metropolitan Transportation Authority	Austin	TX	VP	DO	4.31		29.94	30.38
15	2003	7005	Kansas City Area Transportation Authority	Kansas City	МО	DR	DO	4.37		14.69	3.47
16	2003	7005	Kansas City Area Transportation Authority	Kansas City	МО	DR	PT	3.25		21.35	10.29
17	2003	7005	Kansas City Area Transportation Authority	Kansas City	МО	МВ	DO	5.65	17.65	15.39	13.99
18	2003	7005	Kansas City Area Transportation	Kansas City	МО	VP	DO	1.57		45.00	53.01

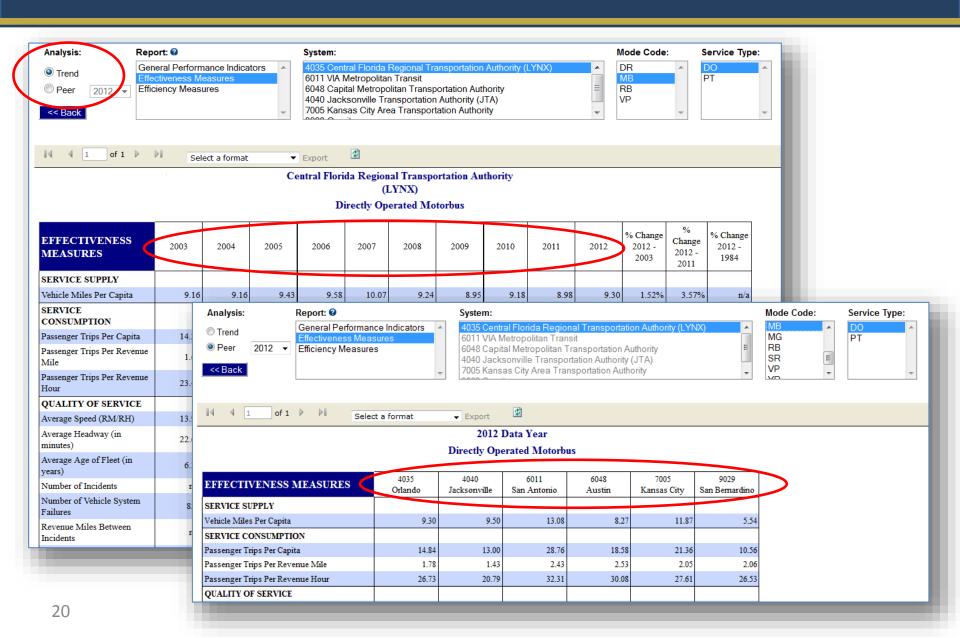
Create Cross Table



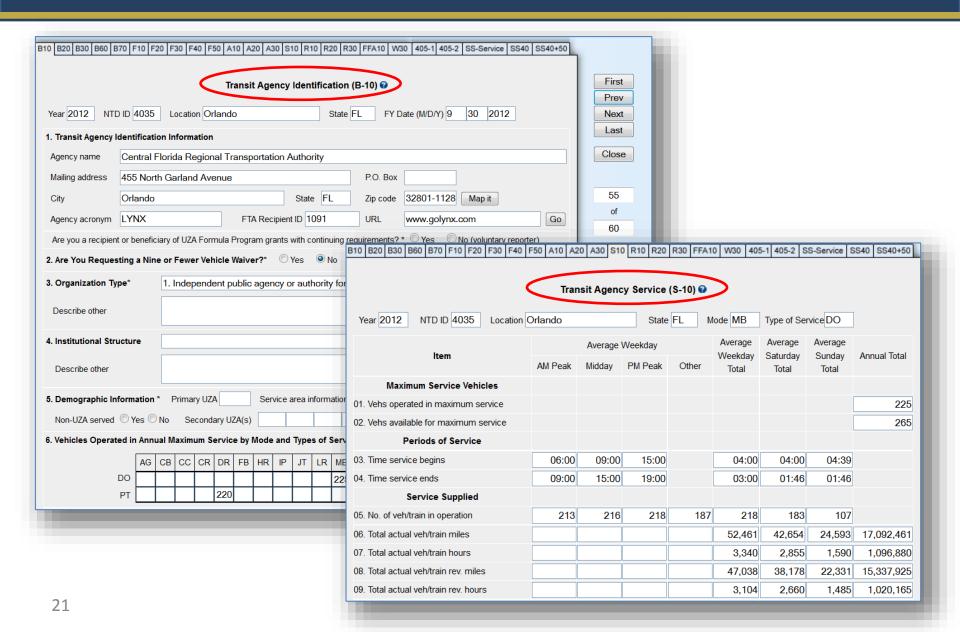
Plot Charts



Generate Standard Reports



Display Data on NTD Forms



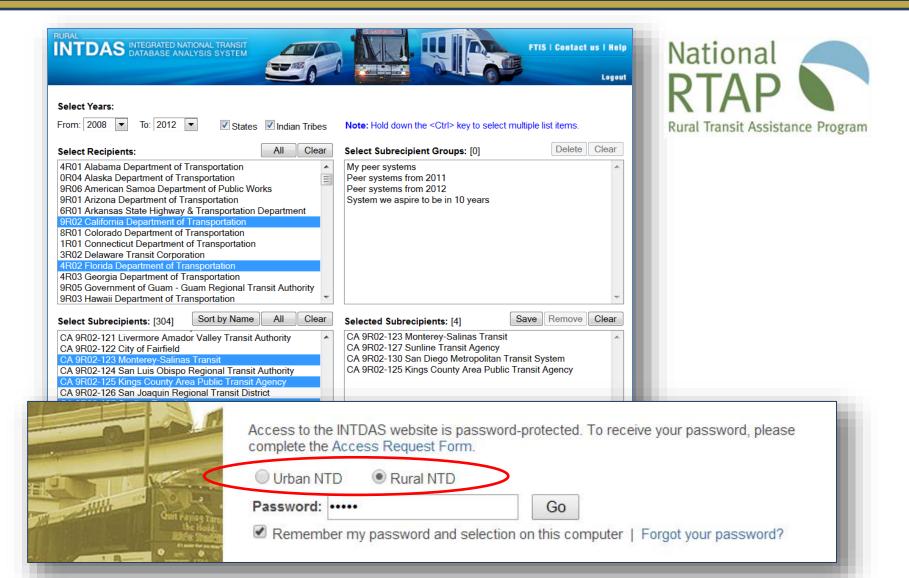
Our Users

- Consultants
- Transit planners
- FTA, MPOs, DOTs, etc.
- Accounting/finance personnel from transit agencies
- Researchers
- Professors and students
- Reporters
- About 1500 registered users from 11 countries

An Award Winning System



Adding New Component for Rural NTD



Contacts



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